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B004/B014

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AUTHORS: Ablov, A. V., Syrtsova, G. P.

TITLE: Complex Compounds of Trivalent Cobalt With Dimethyl Glyoxime, Which Contain a Sulfite Group

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 6, pp. 1221 - 1227

TEXT: The authors found that in the reaction of 2 moles of sodium sulfite with chloro-bis-dimethyl glyoxime aquacobalt $[Co(H_2O)(DH)_2Cl]$ (DH = monovalent radical of dimethyl glyoxime) two SO_3 groups enter the internal sphere of the complex compound and form the ion $[Co(DH)_2(SO_3)_2]^{3-}$.
The Na^+ , K^+ , and NH_4^+ salts of this ion were prepared as well as the difficultly soluble complex compounds $[Co(NH_3)_6][Co(DH)_2(SO_3)_2] \cdot 8H_2O$, $[Co(NH_3)_5 \cdot H_2O][Co(DH)_2(SO_3)_2] \cdot 9H_2O$, $[Co(en)_3][Co(DH)_2(SO_3)_2] \cdot 11H_2O$ (en = ethylene diamine), and $[Cr(H_2NCONH_2)_6][Co(DH)_2(SO_3)_2] \cdot 2H_2O$.

Card 1/2

Complex Compounds of Trivalent Cobalt With
Dimethyl Glyoxime, Which Contain a Sulfite
Group

S/078/60/005/06/05/030
B004/B014

By a reaction of $[\text{Co}(\text{H}_2\text{O})(\text{DH})_2\text{Cl}]$ with ammonium sulfite in the molar ratio 1 : 1 the stable compound $\text{NH}_4[\text{Co}(\text{H}_2)(\text{DH})_2\text{SO}_3] \cdot 9\text{H}_2\text{O}$ is formed, which passes over into the disulfite compound when it is further heated with ammonium sulfite. The behavior of the monosulfite- and disulfite compounds (only one sulfite group can be easily split off) is explained by the strong affinity of the SO_3 group to the metal as well as by the strong trans-effect of this group. The experimental part describes the syntheses and analyses, and contains light absorption curves, X-ray pictures, and physical data of the compounds. A table gives the molecular electrical conductivity of $\text{Na}_3[\text{Co}(\text{DH})_2(\text{SO}_3)_2] \cdot 12\text{H}_2\text{O}$. The authors refer to papers by V. V. Lebedinskiy et al. (Refs. 7-11), A. V. Ablov and G. A. Popovich (Ref. 17). There are 2 figures, 1 table, and 17 references: 15 Soviet, 1 German, and 1 Japanese.

ASSOCIATION: Kishinevskiy gosudarstvennyy universitet (Kishinev State University)

SUBMITTED: February 24, 1959

Card 2/2

ABLOV, A.V.; SYRISOVA, G.P.

Complex compounds of trivalent cobalt with α -benzyldioxime.
Zhur.neorg.khim. 7 no.9:2066-2070 S '62. (MIRA 15:9)

1. Kishinevskiy gosudarstvennyy universitet.
(Cobalt compounds) (Oximes)

SYRISOVA, G.P.; FILIPP, V.Z.

Diamino- and acylamino compounds of trivalent cobalt with
β-benzildioxime. Uch.zap.Kish.un. 68:24-28 '63 [cover
'64]. (MIRA 18:12)

ABLOV, A.V.; SYRTOVA, G.P.

Cobalt (III) compounds with dimethylglyoxime and a cyanide ion.
Zhur. neorg. khim. 10 no.9:1980-1986 S '65. (MIRA 18:10)

BEREZINA, M.V.; SYRISOVA, K.F.

Substitutes for magnesium sulfate in duodenal sounding. Lab. delo 8
no.3:25-26 Mr '62. (MIRA 15:5)

(DUODENUM—INTUBATION) (SUCROSE)

SHVACHKIN, Yu.P.; SYRTSOVA, L.A.; PROKOF'YEV, M.A.

Synthesis of amino acid derivatives of the adenosine-2'-phosphoric acid series. Zhur.ob.khim. 30 no.8:2462-2466 Ag '60.
(MIRA 13:8)

1. Moskovskiy gosudarstvennyy universitet.
(Amino acids)
(Adenosinephosphoric acid)

SHVACHKIN, Yu.P.; SYRISOVA, L.A.

Re-esterification reactions in the synthesis of α -(pyrimidylmethyl)-
 α -acetylamino malonic esters. Vest.Mosk.Un.Ser.2. khim. 16 no.6:75-
76 N-D '61. (MIRA 14:11)

1. Kafedra organicheskoy khimii Mpskovskogo gosudarstvennogo universiteta.
(Malonic acid) (Esterification)

SHVACHKIN, Yu.P.; SYRISOVA, L.A.; SAVEL'YEV, V.L.

Synthesis of α -pyrimidylmethyl- α -formylaminomalonic esters.
Vest.Mosk. un. Ser.2:khim. 17 no.1:73-74 Ja-F '62. (MIRA 15:1)

1. Moskovskiy gosudarstvennyy universitet, kafedra organicheskoy
khimii.

(Malonic acid)

SHVACHKIN, Yu.P.; SYRISOVA, L.A.

Synthesis of α -(4-hydroxy-6-methyl-2-pyrimidinyl)-alanine. Vest.
Mosk.un.Ser.2: Khim. 17 no.2:76-77 Mr-Ap '62. (MIRA 15:4)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.
(Pyrimidinealanine)

SHVACHKIN, Yu.P.; SYRTSOVA, L.A.; BERESTENKO, M.K.; PROKOF'YEV, M.A.

Directions of the cleavage of pyrimidyl-4-malonic esters. Zhur.
ob.khim. 32 no.6:2060-2061 Je '62. (MIRA 15:6)

1. Moskovskiy gosudatstvennyy universitet im.M.V.Lomonosova.
(Malonic acid)

SHVACHIKIN, Yu.P.; SYRTSOVA, L.A.; PROKOF'YEV, M.A.

Potential antimetabolites. Part 1: Synthesis of β -(4-hydroxy-6-methyl-2-pyrimidinyl)-alanine. Zhur.ob.khim. 32 no.8:2431-2436 Ag '62. (MIRA 15:9)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova. (Pyrimidinealanine) (Protein metabolism)

SHVACHKIN, Yu.P.; FILATOVA, M.P.; SIRTSOVA, L.A.

Synthesis of the pyrimidine analog of m-tyrosine. Vest. Mosk. un.-
Ser.2:Khim. 18 no.2:55-57 Mr-Apr '63. (MIRA 16:5)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.
(Pyrimidinealanine) (Tyrosine)

SHVACHKIN, Yu.P.; SYRTSOVA, L.A.

Synthesis of β -(4-chloro-6-amino-2-pyrimidinyl)-alanine.
Vest. Mosk. un. Ser. 2: Khim. 18 no.3:80-81 My-Je '63.
(MIRA 16:6)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.
(Pyrimidinealanine)

SHVACHKIN, Yu.P.; SYRTSOVA, L.A.

Synthesis of a pyrimidine analog of β -(2,4-dihydroxy-6-methylphenyl)-alanine. Vest.Mesk. un. Ser.2: Khim. 18 no.4:88-90 J1-Ag '63.
(MIRA 16:9)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.
(Alanine) (Pyrimidine)

SHVACHKIN, Yu.P.; SYRTSOVA, L.A.

Potential antimetabolites. Part 5: Peptides of
β-(4-hydroxy-6-methyl-2-pyrimidinyl)alanine. Zhur.ob.khim.
33 no.3:778-783 Mr '63. (MIRA 16:3)

1. Moskovskiy gosudarstvennyy universitet imeni
M.V. Lomonosova.
(Alanine) (Peptides)
(Antimetabolites)

SHVACHKIN, Yu.P.; SYRISOVA, L.A.; FILATOVA, M.P.

Potential antimetabolites. Part 6: Synthesis of 4-(4-hydroxy-2-pyrimidinyl)-alanine. Zhur. ob. khim. 33 no.8:2487-2493
Ag '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.

SHVACHKIN, Yu.P.; SYRTOVA, L.A.

Potential antimetabolites. Part 10: Preparation of
 β -(5-[di(2-chloroethyl)amino]-2-methoxyphenyl)- α -D, L -alanine.
Zhur.ob.khim. 33 no.12:3805-3810 D '63. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

SHVACHKIN, Yu.P.; SYRTSOVA, L.A.

Potential antimetabolites. Part 12: Synthesis of

β -(2,4-dihydroxy-6-methyl-5-pyrimidinyl)alanine.

Zhur. ob. khim. 34 no.7:2159-2164. J1 '64 (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

YAKOVLEV, V.A.; VOROB'YEV, L.V.; LEVCHENKO, L.A.; LINDE, V.R.;
SLEPKO, G.I.; SYRTSOVA, L.A.

Study of the biological fixation of molecular nitrogen.
Biokhimiia 30 no.6:1167-1178 N-D '65. (MIRA 19:1)

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Submitted January 18, 1965.

SHITAL'NIK, S.S., st. nauchn. sotr.; TROFINOVA, L.I., st. nauchn. sotr.; LUPASHKO, Ye.I., red.; CHAYKO, I.V., red.;
YRTSOVA, S., red.

[Bibliographical index of scientific papers of the Kishinev State Medical Institute, 1946-1961] Bibliograficheski ukazatel' nauchnykh rabot Kishinevskogo gosudarstvennogo meditsinskogo instituta, 1946-1961. Kishinev, Kartia moldoveniaske, 1963. 435 p. (RUSA 17:11)

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DOMROVYSLOV, A.N., prof.; ZUBKOV, A.A., zasl. deyatel' nauki,
prof., red.; SYRISOVA, S., red.

[Concomitant strabismus; experimental and clinical studies]
Sodruzhestvennoe kosoglazie; eksperimental'nye i kliniche-
skie issledovaniia. Kishinev, Kartia moldoveniaske, 1965.
227 p. (MIRA 18:10)

SHAKHIL'DYAN, Arkadiy Stepanovich; IVANOV, V.V., red.; SYRTSOVA, S.G.,
red.; MARKOVICH, G.L., tekhn. red.

[Production ties among collective forms in the Moldavian S.S.R.]
Mezhkolkhoznye proizvodstvennye sviazi v Moldavskoi SSR. Kishinev,
Izd-vo "Shtiintsa," 1961. 132 p. (MIRA 15:7)
(Moldavia--Collective farms--Interfarm cooperation)

BERKMAN, N.S.; ORIONOV, A.A.; SEREBRENNIKOVA, Ye.Ya.; Prinimali uchastiye:
SYRISOVA, V.N.; KUZNETSOVA, Ye.S.

Granulation and fluidized bed roasting of copper charge mixtures
at the Alaverdi Combine. Sbor. nauch. trud. Gintsvetmeta no.18:
321-327 '61. (MIRA 16:7)

(Alaverdi—Copper industry)
(Ore dressing)

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Normy i rastsenki na stroitel'nye i montazhnye raboty.
Stroizdat Narkomstroia. Section 3. [Pile-driving work]
Svainye raboty. Izd.2. 1945. 17 p. Section 4. [Caissons
and cofferdams] Kessony i opusknye koledtay. Izd.2.
1945. 14 p. (MIRA 12:6)

1. Russia (1923- U.S.S.R.) Narodnyy komissariat po stroitel'-
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(Wages) (Caissons) (Cofferdams)
(Piling (Civil engineering))

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"Graphical Method in Technical Calculations for Work Production." Thesis for degree of Cand. Technical Sci. Sub 7 Feb 49, Moscow Order of Labor Red Banner Engineering Construction Inst imeni V. V. Kuybyshev.

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216 p., Published by GOSFINIZDAT, Moscow, 1951.

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USPENSKIY, V.V.; SHASS, M.Ye.

Basic financial problems of housing and public building construction in Moscow. Gor.khoz.Mosk. 28 no. 7:15-20 J1 '54. (MLRA 7:7)
(Moscow--Construction industry) (Construction industry--
Moscow)

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red.izd-va, PRUSAKOVA, T.A., tekhn.red.; KORNEYEVA, V.I., tekhn.red.

[Analysis of labor productivity standards in building; a scientific
report] Analiz urovnia proizvoditel'nosti truda v stroitel'stve;
nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit.
1 stroit. materialam, 1958. 97 p. (MIRA 12:2)
(Building--Production standards) (Productivity accounting)

YEMELIN, Konstantin Ivanovich; SYRTSOVA, Ye.D., kand.tekhn.nauk, red.;
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[Labor productivity in assembling precast construction elements]
Proizvoditel'nost' truda na montazhe sbornyykh konstruktsii.
Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam,
1959. 79 p. (MIRA 13:6)
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SYRTSOVA, Ye.D., dotsent, kand.tekhn.nauk

Effectiveness of various measures for increasing labor productivity in the construction industry. Trudy MII no.14: 256-269 '59. (MIRA 13:1)

1. Moskovskiy inzhenerno-ekonomicheskii institut.
(Construction industry--Labor productivity)

VARENİK, Ye.I., doktor tekhn.nauk, prof.; KANFORER, S.Ye., kand.tekhn.nauk, dotsent; PARABENK, G.E., kand.tekhn.nauk, dotsent; GALKIN, I.G., kand.tekhn.nauk, dotsent; PETROV, I.A., doktor tekhn.nauk, prof.; VIKHREV, I.D., kand.tekhn.nauk, dotsent; DIKOV, N.D., kand.tekhn.nauk, dotsent; SYRTSOVA, Ye.D., kand.tekhn.nauk, dotsent; BRISKMAN, I.A., ekonomist; IL'IN, V.M., inzh., nauchnyy red.; LBYKIN, B.P., ekonomist, nauchnyy red.; SKVORTSOVA, I.P., red.izd-va; GERASIMOVA, G.S., red.izd-va; GOL'BERG, T.M., tekhn.red.; KASIMOV, D.Ya., tekhn.red.

[Organization and planning in the construction industry] Organizatsiia i planirovanie stroitel'nogo proizvodstva. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. 526 p. (MIRA 14:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Varenik).
(Construction industry)

VARENIK, Ye.I.; PETROV, I.A., doktor tekhn. nauk; KANTORER, S.Ye.,
doktor ekon. nauk; GALKIN, I.G., doktor ekon. nauk;
PARABEK, G.E., kand. tekhn. nauk; DUKOV, N.D., kand. tekhn.
nauk; VIKHREV, I.D., kand. tekhn. nauk; SYRTSOVA, Ye.D.,
kand. tekhn. nauk; BALIKHIN, M.I., kand. ekon. nauk;
BRISKMAN, I.A., ekonomist

[Organization and planning of construction production] Or-
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ANDRIANOV, K.A.; DABAGOVA, A.K.; SYRTSOVA, Zh.S.

Mutual heterofunctional condensation of methyl (phenyl)acetoxysilanes with organosilicon compounds containing ethoxy group at the silicon atom. Izv. AN SSSR. Otd. khim. nauk no. 9: 1572-1577 S '62. (MIRA 15:10)

1. Institut elementoorganicheskikh soedineniy AN SSSR.
(Silane) (Silicon organic compounds)

SYRUCEK, J.

Bucky rays therapy in dermatology. Voj. zdrav. listy 20 no.4:
182-183 July-Aug 1951. (CLML 21:1)

1. Author is M.D., Colonel.

RASKA, Karel, Doc., MUDr.; RADKOVSKY, Ing.; ZAHRADNICKY, J., dr.;
SYRUCEK, L., dr.

Problem of scarlet fever in Czechoslovakia. Cas. lek. cesk.
91 no.23:669-675 6 June 52.

1. Z III. odboru SZU, a' prof. dr. Prochazka, dr. L. Seidler,
z infekcniho oddeleni nemocnice na Bulovce v Praze.
(SCARLET FEVER, epidemiology,
in Czech.)

SYROČEK, L.

✓ Some properties of streptolysin O. J. Vaněček, M. Troněšková, and L. Syroček (Charles Univ., Prague). *Českoslov. hyg., epidemiol. a mikrobiol., imunol.* 2, 50-5 (1953).—Streptolysin O, 40 I.U., injected into cats or rabbits causes reflex changes of blood pressure and of respiration. In case of repeated doses with an interval of several days, circulatory changes develop followed by heart arrest.
L. I. Urbánek

JOJADUEA, LUDOMIR
HAVA, Milos; JELINEK, Jiri; SYRUCEK, Lubomir; PRUZEK, Frantisek;
Mickova, St.

Dynamics of hemolytic action of streptolysin O. Cesk. hyg. epidem.
mikrob. 2 no.2:120-125 Apr '53.

1. Z farmakologickeho ustavu Karlovy university a ustavu epidemiologie
a mikrobiologie v Praze.

(STREPTOLYSIN, effects,
hemolysis in rabbits)

(HEMOLYSIS,
by streptolysin O in rabbits)

SYRUCEK, L.

Properties of streptolysin O. III. M. Háva, O. Fialová, L. Syruček, and J. Jelinek (Charles Univ., Prague). *Ceskoslovenská epidemiol., mikrobiol., imunol.* 2, 276-82 (1933).—The hemolytic effect of streptolysin O (I) *in vitro* depends on the toxicity of the individual batches. The blockade of the reticuloendothelial system by dyes does not affect the dynamics of hemolysis. Immunization lowers mortality but does not alter the course of hemolysis *in vivo*. IV. M. Háva, O. Fialová, F. Průšek, L. Syruček, and J. Jelinek. *Ibid.* 282-81.—The toxicity of I is substantially increased if ether, evipun, or pentothal is administered simultaneously. Caffeine, benzedrine, and camphor decrease hemolysis; strychnine has a biphasic action depending on the dose; nicotine increases the hemolysis. Theobromine has no effect. All substances named are ineffective *in vitro*.
L. J. Urbánek

SYRUCEK LUBOS

HAVA, Milos; FIALOVA, Olga; PRUZEK, Frantisek; SYRUCEK, Lubos; JELINKE, Jiri

Certain properties of streptolysin O. IV. Effect of certain drugs on action of streptolysin O. Cesk. hyg. epidem. mikrob. 2 no.4: Aug '53.

1. Z farmakologickeho ustavu KU (for Hava, Fialova, Pruzek) 2. Z Ustavu epidemiologie a mikrobiologie (red. doc. Dr Karel Baska) (for Syrucek, Jelinke)
(STREPTOLYSIN, effects,
with various drugs on)

SYRUCEK, LUBOMIR

ZAHRADNICKY, Jiri, MUDr; SYRUCEK, Lubomir, MUDr; BRUCKOVA, Marie;
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SALACOVA, Jitka

Experience with serologic identification of beta hemolytic Streptococci during the period of 1950-1952. Cesk. hyg. epidem. mikrob.
2 no.4:291-300 Aug '53.

1. Ustav epidemiologie a mikrobiologie v Praze, red. doc. Dr Karel Raska.

(STREPTOCOCCUS,
hemolytic B, serol. typing)

ZNAMENACEK, K.;SYRUCEK, L.;JELINKOVA, J.

Microbiological control in day nurseries. Pediat. listy, Praha 8 no.2:
97-101 Apr 1953. (CML 25:1)

1. Of the Institute of Mother and Child Welfare (Head--Prof. J. Trapl, M.D.); Department of Pediatrics (Head--Docent K. Kubat, M.D.) and of the Institute of Epidemiology and Microbiology (Director--Docent K. Raska, M.D.), Prague.

5776-40, 4.
RASKA, K.; SYRUCEK, L.; SOBESLAVSKY, O.; POKORNY, J.; PRIVORA, M.; HAVLIK, O.;
LIM, D.; ZASTERA, M.

Rodents of epizootology of Q rickettsiosis. Cesk. epidem. mikrob.
immun. 5 no.5:246-250 Sept 56.

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K. Raska.

(Q FEVER, epidemiol.

in Czech., role of rodents in epizootology (Cz))

(RODENTS

role in epizootology of Q fever in Czech. (Cz))

SYRUCEK, L.; SOBESLAVSKY, O.

Experimental infection of rat, *Rattus norvegicus* with *C. burneti*.
Cesk. epidem. mikrob. imun. 5 no.5:251-254 Sept 56.

1. Ustav epidemiologie a mikrobiologie, Praha, red. prof. Dr.
K. Raska.

(Q FEVER, exper.
in rat (Cz))

EXCERPTA MEDICA Sec 4 Vol. 10/11 Microbiology Nov 57

2633. RAŠKA K. and SYRŮČEK L. Inst. für Epidemiol. und Mikrobiol., Prag. *Ein Beitrag zur Epidemiologie der Q-Rickettsiose. A contribution to the epidemiology of Q-rickettsiosis ZBL. BAKT., I. ABT. ORIG. 1956, 167/4 (267-280) Tables 12

An accurate study, occupying 5 yr., was made of the epidemiology of Q-fever in Czechoslovakia. The disease has appeared in this country only after World War II, perhaps carried over by imported cows or sheep. Now it has taken a firm hold, spreading not only among domestic animals but also among some forest animals which thereby become dangerous reservoirs for future infections, difficult to eliminate. As regards human epidemiology, ectoparasites seem to be of slight importance. The disease mostly spreads directly from cows or sheep to humans, especially on the occasion of delivery. Antibodies for *C. burnetii* have been found in various small forest animals and also in birds, especially birds living near human habitations. From some rats, mice and birds *C. burnetii* could be isolated. The Rickettsia was also found in *Ornithomyia biloba*, an ectoparasite of swallows. The observation that rats, domestic mice, chickens and swallows may be carriers of *C. burnetii* is of particular importance for human epidemiology. Some prophylactic measures are described which it would be worth the trouble to adopt in order to avoid a wider spread of the disease.

Babudieri - Rome (IV, 17)

EXCERPTA MEDICA Sec. 17 Vol. 3/8 Public Health Aug. 57

2366. SYRŮČEK L. and RAŠKA K. Inst. of Epidemiol. and Microbiol. Prague.

Q fever in domestic and wild birds BULL. WLD HLTH ORG.

1956, 15, 1-2 (329-337) Tables 4

572 blood specimens were taken from domestic birds in an area of Czechoslovakia where Q fever is endemic. Positive reactions to the CFT were found in hens, turkeys, ducks, geese, and pigeons, with hens showing the highest percentage of positive reactions. In addition, the susceptibility of hens to infection with *Rickettsia burneti* was demonstrated experimentally, and excretion of *R. burneti* in the stools of hens was demonstrated from the 7th to the 40th day after infection.

HASHKA, K.; SYRUCHEK, L.

Q fever in Czechoslovakia. Zhur.mikrobiol.epid. i immun. 27 no.4:
93-100 Ap '56. (MLRA 9:7)

1. Iz Instituta epidemiologii i mikrobiologii v Prague.
(Q FEVER,
in Czech.)

EXCERPTA MEDICA Sec 17 Vol 5/4 Public Health Apr 59

1216. ISOLATION OF COXIELLA BURNETH FROM THE SHREW MOUSE
 SOREX MINUTUS IN A FOCUS OF Q-RICKETTSIOSIS IN NORTHWESTERN
 BOHEMIA - Isolace Coxielly burneti z rejska nejmenšího (Sorex minutus) v
 ohnisku Q rickettsiosy v severozápadních Čechách - Syrůček L.,
 Soběslavský O. and Havlík O. Ust. Epidemiol. a Mikrobiol., Praha -
 ČSL. EPIDEM. 1957, 6/6 (392-395) Tables 1 illus. 1

In 1956 the authors serologically examined (by complement-fixation or micro-
 agglutination) 104 insectivora of the following species: Sorex araneus, Sorex
 minutus and Talpa europea. The examined animals were caught in a region where
 Q-rickettsiosis had been proved to have been present in quite a number of species
 of domestic and wild animals since 1953. Whereas in past years all the findings had
 been negative, this time the authors found significantly raised titres of specific
 antibodies in 4 specimens of Sorex araneus and in one of Sorex minutus, and isolat-
 ed from the spleen and liver of the serologically positive Sorex minutus a strain of
 Coxiella burnetii. The epizootiological importance of their findings is discussed.

(XVII, 4)

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Praha 2 no.1:29-35 1958.

1. Institute of Epidemiology and Microbiology, Prague, and Maternity
Department, Kraslice, District Hospital. 2. Institute of Epidemiology
and Microbiology, Prague 12, Srobarova 48 (for Syrucek).

(COXIELLA BURNETII,

isolation from placentas of women infected many years
previously)

(PLACENTA, microbiology

Coxiella burnetii isolation from placentas of women in-
fected many years previously)

(PREGNANCY, complications

Coxiella burnetii isolation from placentas of women in-
fected many years previously)

SYRUCZEK, L.; BRUCKOVA, M.

Notes on the determination of sulphonamide resistance in beta haemolytic streptococci in vitro. J. Hyg. Epidem., Praha 2 no.2:155-171 1958.

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(STREPTOCOCCUS, effect of drugs on
sulfonamide resist. of beta hemolytic strains in vitro)

(SULFONAMIDES, effects
resist. of beta hemolytic streptoc. in vitro)

SYRUCEK, Lubomir; BRUCKOVA, Marie (L. S. Praha 12, Srobarova 48.)

Studies on the determination of sulfonamide resistance of beta hemolytic streptococci in vitro. Cesk. epidem. mikrob. immup. 7 no.3:147-162 May 58.

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(STREPTOCOCCUS, effect of drugs on,
sulfonamides resist., determ. in beta hemolytic strains (Cz))
(SULFONAMIDES, effects,
on Streptoc., determ. of resist. in beta hemolytic strains (Cz))

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Transovular transmission of C. Burneti in the domestic fowl
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1959.

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 (Q FEVER transm.)
 (EGGS microbiol.)
 (POULTRY dis.)

SYRUCEK, L.

Q fever in Nort-West Bohemia 1954-1958. J.hyг.epidem., Praha 3
no.4:465-471 1959.

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(Q FEVER epidemiol.)

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An epidemic of pharyngoconjunctival fever caused by adenoviruses in a children's center. Cesk. pediat. 17 no.11:970-975 N '62.

1. Ustav epidemiologie a mikrobiologie v Praze, reditel prof. MUDr. K. Raska Kojenecky ustav v Praze - Krci, reditel MUDr. L. Zeman.
(ADENOVIRUS INFECTIONS)

CERNY, F., MUDr.; HAVLIK, O. RNDr. [deceased]; CHLADEK, V., MVDr.; NOVOTNY, J., MUDr.;
PECENKA, J., MUDr.; PRIVORA, M., MUDr.; SYMON, K., MUDr.; SYRUCEK, L.
MUDr.; VYMOLA, F., MUDr.; WEISER, J., RNDr.; WOLF, A., MUDr., doc.; RASKA, K.,
prof., MUDr, redaktor.

Medical protection against biological warfare. Zdrav.
aktuality 122:1-150 '63.

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Identification of Eaton's agent (*Mycoplasma pneumoniae*) as
the pathogen in primary atypical pneumonia in Czechoslovakia.
Cesk. epidem. 12 no.5:257-261 S '63.

1. Ustav epidemiologie a mikrobiologie v Praze - Detska klinika
lekarske fakulty hygienicke KU v Praze.

(MYCOPLASMA) (PNEUMONIA, VIRAL)

(COMPLEMENT FIXATION TESTS)

(ANTIBODY FORMATION)

SYRUCEK, L.; PIRKOVA, Z.;

Apropos of the significance of respiratory diseases among the population of the Czechoslovakian SSR. Cesk. epidem. 14 no.1: 1-11 Ja '65

1. Ustav epidemiologie a mikrobiologie, Praha , Katedra mikrobiologie UDL, Praha.

FEDOVA, D. DRASNAR, M.; SVEJDA, J.; PIRKOVA, Z.; SODJA, J.; SYRUCEK, I.

Epidemic of influenza in Czechoslovakia in February-April 1964.
J. hyg. epidem. (Praha) 9 no.1:95-110 '65

1. Institute of Epidemiology and Microbiology, Prague.

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1. Ustav epidemiologie a mikrobiologie, Praha (zast. reditel: dr.L. Syrucek, CSo.).

ZAPLETAL, A.; VANECEK, K.; BRUCKOVA, M.; SYRUCEK, L.; SOBESLAVSKY, O.

Etiology of acute bronchiolitis and related severe acute respiratory diseases in children. Cesk. pediat. 20 no.2:97-105
F '65

1. II detska klinika (prednosta: prof. dr. J. Houstek, DrSc.);
Ustav vyzkumu vyvoje ditete faluty detskeho lekarstvi Karlovy
University v Praze (reditel: prof. dr. J. Houstek, DrSc.); Ustav
epidemiologie v Praze (reditel: prof. dr. K. Raska, DrSc.).

BRUCKOVA, M.; SYRUCEK, L.; SOBESLAVSKY, O.; SAMANKOVA, L.

Contribution to the ecology of the respiratory syncytial virus
in Czechoslovakia. Cesk. epidem. 14 no.3:136-142 My '65

1. Ustav epidemiologie a mikrobiologie, Praha, a Katedra pre-
ventivni pediatrie fakulty detskeho lekarstvi Karlovy Univer-
sity, Praha.

SOBESLAVSKY, C.; SYRUCEK, L.; BRUCKOVA, M.; HERDEGEN, L.; STICHEN-WIRTHOVA, B.;
ZAPLETAL, A.; SAMANKOVA, L.; DANESOVA, J.; ABRAHAMOVIC, M.; K^o JCI,
D.; PIRKOVA, Z.

A contribution on the ecology of Mycoplasma pneumoniae infections.
J. hyg. epidem. (Praha) 9 no.1:86-94 '65

1. Institute of Epidemiology and Microbiology, Prague, 2nd and
4th Pediatric Clinics of the Medical Faculty, Chair of Preventive
Pediatrics of the Medical Faculty, Paediatric, Otorhinolaryngologic-
al and Medical Clinics of the Medical Hygiene Faculty, Charles
University, Prague.

SOBESLAVSKY, O.; BRUCKOVA, M.; SYRUCEK, L.; ZAPLETAL, A.

Recurrent pneumonia caused by *Mycoplasma pneumoniae*. Cesk.
epidem. 14 no.2:81-87 Mr '65

1. Ustav epidemiologie a mikrobiologie, Praha; II. detska
klinika fakulty detskeho lekarstvi Karlovy University,
Praha.

STRUGEK, L.

Rhinoviruses (cold viruses). Cesk. epidem. 14 no.5:301-309
S '65.

1. Ustav epidemiologie a mikrobiologie, Praha.

BYRUCZEK, E

POL.

/ Kinetics of heat inactivation of lysozyme and the influence of various buffers and manganese ions. D. Shugar and E. Byruczek (State Inst. Hyg., Warsaw). *Bull. Acad. Sci. USSR Div. Chem. Sci. 11, 2, No. 2, 75-8, 1954* (in English). — The rate of heat inactivation of cryst. lysozyme followed an irreversible 1st-order equation. The dependence of the rate on temp. followed the Arrhenius equation, but fell off above pH 8, although the reaction remained 1st order. It is suggested that the deviations above pH 8 may be related to the temp. effect of the disson. in the imide groups of lysozyme. In neutral and acid medium the values of the expl. activation energy (E) and entropy of activation did not differ markedly from those of ordinary chem. reactions. The thermodynamic const., E , $\Delta H^\ddagger$, $\Delta F^\ddagger$, and $\Delta S^\ddagger$, resp., were, at pH 2-4, 90°, 0.01N HCl and acetate buffer, 19.5, 18.7, 27.7, -24.3 kcal./mole°; pH 6.2, 90°, phosphate buffer (I), 24.3, 23.6, 37.3, -10.2 kcal./mole°; pH 7.3, 90°, I, 33.5, 32.8, 26.2, 18.2 kcal./mole°; pH 8, 80°, I, 17.9, 34.9, 25.6, 26.4 kcal./mole°; pH 12, 49°, 0.01N NaOH, 53, 52.3, 23.5, 89.2 kcal./mole°. Mn^{++} , 0.01M, inhibited the rate of inactivation at pH above 8, to some extent at pH 5.7 in acetate, and considerably less in I. Acetate, pH 5.7, also retarded the rate of inactivation. Tris(hydroxymethyl)aminomethane buffer at pH 8.75 and 8.3 retarded considerably the rate of inactivation compared with that in I or acetate, while the addn. of Mn^{++} slowed the reaction still further.

Roland F. Beers, Jr.

①

SYRUCZER, E.

SYRUCZER, E.; SHUGAR, D.

Kinetics of inactivation of ribonuclease with heat. Acta physiol.
polon. 5 no.4:634-635 1954.

1. D Działu Biochemii Państwowego Zakładu Higieny w Warszawie.
Kierownik: prof. dr J.Heller.

(NUCLEASES,

ribonuclease, inactivation with heat)

(HEAT, effects,

on ribonuclease, incactivation)

SYRUNOWICA, Wieslaw, inz.

Improved efficiency of a rotary welder. Gosp paliw 11 Special
issue no.(95):45-46 Ja '63.

1. Stocania im. Komuny Paryskiej, Gdansk.

MACHON, Jozef, inz; GEBICKI, Zbigniew, mgr., inz.; CYRYLOWSKI, Jerzy, inz.;
MATYSZCZAK, Stanislaw; KALUZNY, Jan; SKALSKI, Jan; PROBA, Leon;
SYRUNOWICZ, Wieslaw, inz.; LUBRYCHT, Czeslaw, mech.

Works distinguished and rewarded in the 5th General Polish Competition
in the field of saving electric power. Energetyka przem 10 no.4:146-
148 Ap '62.

1. Zaklady Azotowe im. P. Findera, Chorzow (for Machon).
2. Przemysl Weglowy, Gliwice (for Gebicki).
3. Fabryka Sprzetu
Elektrotechnicznego, Szczecin (for Cyrylowski and Matyszczak).

COUNTRY : USSR
CATEGORY : Farm Animals.
Cattle.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11994
AUTHOR : Syrvachev, A.
INST. : Moscow Academy of Agriculture Imeni P. A.*
TITLE : The Problem of Milking Frequency.
ORIG. PUB. : Sb. stud. nauchno-issled. rabot. Mosk. s.-kh.
akad. im. K. A. Timiryazeva, 1958, vyp. 8, **
ABSTRACT : No abstract.

Card: 1/1 *
Timiryazev.
** 305-309

RAV

4ERC

Distr: 4E2c *27*

✓ Developments in Polish zinc hydrometallurgy. Zygmunt
Syrzyński. *Rudy i Metale Nieżelazne* 1, 26-9 (1956).

General considerations, including experiences in this field
obtained by Szopienice steel foundry, are presented.

JW
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Z. Kurtka

Km *Q*

SYRYCZYNSKI, Z., mgr., inż.

Aluminum and copper. Przegl techn 81 no.19:23-24 '60.

L-18458-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AP6006382

SOURCE CODE: UR/0413/66/000/002/0115/0115

INVENTOR: Bol'shchikov, V. A.; Lyasko, A. B.; Matafonova, E. P.; Syrykh, A. N.

ORG: none

TITLE: Ten-position multistable element. Class 42, No. 178168

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 115

TOPIC TAGS: flip flop circuit, RC circuit, parametron, logic element, computer component

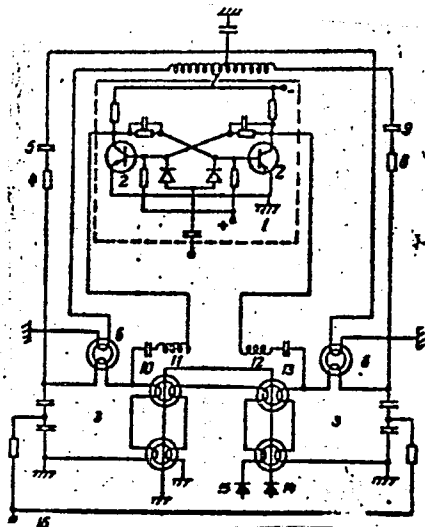
ABSTRACT: This Author's Certificate introduces a ten-position multistable element containing pentastable parametrons and a delay line. Reliability of the device is improved by using a transistorized symmetric potential flip-flop of the counter type. The collectors of the transistors are connected to circuits of parametric elements on the fifth subharmonic through decoupling networks containing a series-connected choke and capacitor. The circuit of the first pentastable parametron is connected to the coupling transformer of the second parametron through a decoupling network made up of a resistor and capacitor. The circuit of the second parametron is connected to the coupling transformer of the first parametron through a similar decoupling network and a delay line.

Card 1/2

UDC: 681.142.07

L 18458-66

ACC NR: AP6006382



1 - potential static flip-flop; 2 - transistors; 3 - pentastable parametrons; 4 and 5 - RC decoupling network; 6 - input transformers; 7 - 72° delay line; 8 and 9 - RC decoupling network; 10-13 - LC decoupling network; 14 - bias current; 15 - pumping current; 16 - bias voltage.

SUB CODE: 09/ SUBM DATE: 27Feb64

Card 2/2 *mjs*

SYRYKH, N.N., inzh. (Moskva)

Effective magnitude of the steps of the control taps of small
power transformers. Elektrichestvo no.10:42-46 0 '64.

(MIRA 17:12)

SYRYKH, Ye.V.

Study of erythropoiesis in uterine myoma patients. Akush. i gin.
40 no.5:134-139 S-O '64. (MIRA 18:5)

1. Kafedra akusherstva i ginekologii (zav. - prof. I.I.Yakovlev)
i kafedra fakul'tetskoy terapii (zav. - prof. T.S.Istamanova) I
Leningradskogo meditsinskogo instituta imeni Pavlova.

SHUSHERINA, N.P.; SYR'YE, M.Yu.; LEVINA, R.YA.

Cyano ethylated ketones in the synthesis of unsaturated δ -lactones.
A new method of α -pyrone synthesis. Dokl. AN SSSR 109 no.1:117-119
J1-Ag '56. (MIRA 9:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Predstavleno akademikom A.N. Nesmeyanovym.
(Pyranone)

SYRYEV, N. I.

M. I. Syryev - "Method of Measuring Electric Field Strength."

Authors' Certificates, Elektrosvyaz', 1958, No. 7, pp 77.

SYRYGIN, V.

USSR/Miscellaneous

Card 1/1

Author : Syrygin, V., Chief of the UAZKKB radio station of Tula radio club
of the Dosaaf

Title : Operators of the Tula radio club

Periodical : Radio, 3, 28, Mar, 1954

Abstract : A story is presented about two women workers at the Tula radio
club who became interested and studied radio to become very
active members of the club.

Institution :

Submitted :

CYRYJCZYK, D.

CYRYJCZYK, D. Remarks on welding bridges. p. 100. Vol. 8., no. 3, Mar. 1956.
PRZEGLAD KOLEJOWY. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) LC VOL. 5, No. 6, June 1956

SYRYI, N., kandidat tekhnicheskikh nauk; MOROZOV, I., inzhener;
KORNEYEV, M., inzhener.

Explosion method used for construction of water reservoirs and
wells. Pozh, delo 3 no. 2:8-9 F '57. (MIRA 10:4)
(Water-supply engineering)

Country : Poland
 Category : Chemical Technology. Chemical Products and Their Applications. -- Dyeing & Chem. Treatment of Text.
 Abs. Jour R. Zh. - Khim., No. 11, 1959 Materials. 41079
 Author : Syrzycki, I.
 Institut. : Not given
 Title : The Application of Finishing Agents of the Type of 'No-Iron Finish' to Shirting Materials
 Orig Pub. : Tech Wlokienn, 7, No 3, 93-95 (1958)
 Abstract : Fabrics requiring no or very little ironing are produced by finishing with urea- or melamine-formaldehyde resins with the addition of plasticizers and waterproofing agents. The formulations used in such applications differ from those used in ordinary crease-proofing in that higher resin concentrations are used (200-200 gms per liter as against 100-150 gms per liter). The finishing process is operated as follows: the material is impregnated with the resin at 30°, pressed to 80% [moisture content?], air is blown through in order to increase the penetration of the resin, followed

Card: 1/2

H-702

SYS, J.; SLEZAK, P.; HORANSKY, M.

Demonstration of ascaris in a plain x-ray picture. Cesk. rentgenol.
16 no.2:127-129 Ap '62.

1. Rentgenologicke a chirurgicke oddeleni OUNZ Frydek-Mistek, predn.
MUDr. F. Muller a MUDr. J. Trnka.

(ASCARIASIS radiog)

SYSAK, Jan, dr inz.

Influence of climatic factors upon subsoil. Inz i bud 19 no.3:92-
95 Mr '62.

1. Politechnika, Warszawa.

SYSAK, Jan, doc. dr inż.

Erosion and the stability of slopes. Inz i bud 19 no.12:467-471
D '62.

1. Politechnika, Warszawa.

SYSA, J. J. J. J. J.
5907

Physiol. Inst. of the Med. Faculty, Univ. of Lodz Intravenous glucose trans-formation during severe muscular exercise in normal dogs Proceedings of the Society for Experimental Biology and Medicine 1948, 68/3 (549-550)

With an injection rate of 4 g./kg/hour glucose elimination by dogs performing work becomes inappreciable towards the end of the experiment, whereas in resting animals even with a rate of 2 g/kg/hour such an improvement of glucose utilization is not achieved.

Gottschalk - Melbourne

SO: EXCERPTA MEDICA, Vol. II, No. 11, Sec. II, Nov. 1949

SYSA, J.⁸; NOWOGORSKI, Cz.; SYLIWANOWICZ, E.

Inhibition of the heart following irritation of the vagus nerve and vagus-escape phenomenon in various experimental conditions. Acta physiol. polon. 8 no.3:537-538 1957.

1. Z Zakladu Fizjologii A. M. w Lodzi Kierownik: z-ca prof. dr J. Sysa.

(HEART, physiology,

eff. of stimulation of vagus nerve & vagus escape phenomenon (Pol))

(NERVES, VAGUS, physiology,

eff. of stimulation on heart & vagus escape phenomenon (Pol))

POLAND/Human and Animal Physiology - The Effect of Physical
Factors. Ionizing Radiation.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 13403

Author : Szymczykiewicz, Konrad; Gross, Stanislaw; Sysa,
Jozef

Inst : ~~Research~~

Title : Changes in Chronaxia in Rats after Radiation. Preli-
minary Report.

Orig Pub : Med. Pracy, 1958, 9, No 1, 53-55

Abstract : With total roentgen irradiation of rats with doses
of 50, 100, and 400 r, motor chronaxia of the rear
extremity significantly increased proportionally
with the dosage, but the rheobasis was not changed.

Card 1/1

- 160 -

SYSA, N.F.

~~Extensive~~ reaction of the small intestine and sigmoid. Zdravookh-
ranenie 4 no.4:59 J1-Ag '61. (MIRA 14:11)

1. Iz rayonnoy bol'nitsy s. Kauchany (glavnyy vrach N.D.El'kis).
(INTESTINES—SURGERY)

SYSA, N.F. (Leningrad M-190, Novo-Izmaylovskiy prospekt, d.13.kv.63)

One of the methods of treating fractures of the proximal part
of the humerus in children. Ortop., travm. i protez. 26
no.11:22-26 N '65. (MIRA 18:12)

1. Iz travmatologicheskogo otdeleniya (rukovoditel' - doktor
med. nauk N.I. Butikova) Detskogo ortopedicheskogo instituta
imeni G.I. Turnera (direktor - prof. M.N. Goncharova) na baze
bol'nitsy imeni Raukhfusa.

Sysak, J.

624.131.32 : 550.837.3

1212

Sysak J. Electrical-Resistivity Method of Soil Research.

"Badania gruntów metodą elektryczno-oporową". Inżynieria i Budownictwo, No. 6, 1955, pp. 182—139, 14 figs., 1 tab.

The theoretical principles underlying the soil research method here described are briefly outlined and the formulae involved are stated without proof. The methods of electric sounding and electric profiling are approached as one combined electrical-resistivity soil research method and are explained by means of examples. The necessary instruments and the range of problems to which the method can be applied are discussed. The method can be used for defining the depth of foundations, the level of ground water, in prospecting for building materials and underground water basins, etc.

*Elec
Eng*

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~~SYSAK, J.~~

SYSAK, J.

Measures applied against the formation of landslides.

p. 319 (Inzyheria I Budownictwo) Vol. 14, No. 9, Sept. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EPAI) LC, VOL. 7, NO. 1, JAN. 1958

SYSAK, J.

Tectonics of dislocated sedimentary soils in the foundations
of a building, p. 133

INZYNIERIA I. BUDOWNICTWO. (Naczelna Organizacja Techniczna i Polski
Związek Inżynierów i Techników Budowlanych) Warszawa, Poland
Vol. 16, No. 4, Apr. 1959

Monthly List of East European Assessments Index (EEAI) LC, Vol 8, No. 11,
November 1959
Uncla.

SYSAK, J.

Radionuclides in geological engineering research, p. 276.

INŻNIERIA I BUDOWNICTWO. (Naczelna Organizacja Techniczna i Polski
Związek Inżynierów i Techników Budowlanych) Warszawa, Poland.
Vol. 16, No. 7, July 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,
November 1959
Uncl.

SYSAK, Jan (Warszawa)

Attempt to determine the relation between the subsidence rate of a landslide and the increase of atmospheric precipitation. Archiw inz lad 8 no.2:219-246 '62.

SYSAK, Jan, dr inz.

Influence of aeration upon building subsoil. Inz i bud 19
no.8:321-325 Ag '62.

1. Politechnika, Warszawa.

SYSAK, Jan, doc. dr

Attempted evaluation of the stability of a sliding slope based
on condensed atmospheric precipitations. Inz i bud 21 no.3:
86-89 Mr '64.

1. Technical University, Poznan.

SYSAK, N. S.

Mbr., Chair Human Anatomy, Kazan Medical Inst., -1947-. "Form and Growth of the Skull."
Uspekhi Sovrem. Biol., 16, No. 3, 1948; "The Debatable Problem of the Nature of Men-
ingeal Tumors," Arkhiv Patol., 11, No. 3, 1949.

SYSAK, N. S.

36409. Ivan petrovich vasil'yev. (Patologoanatom. 1879-1949. Nekrolog). Arkhiv patologii, 1949, vyp. 6, S. 91.

SO: Letopis' zhurnal'nykh Statey, No. 49, 1949